

IHH RABBIT MAB

Cat.#: N263380

Product Name: Anti-Ihh Rabbit Monoclonal Antibody

Synonyms: BDA1; HHG2

UNIPROT ID: Q14623

Background: This gene encodes a member of the hedgehog family of secreted signaling molecules. Hedgehog proteins are essential regulators of a variety of developmental processes including growth, patterning and morphogenesis. The encoded protein specifically plays a role in bone growth and differentiation. Mutations in this gene are the cause of brachydactyly type A1 which is characterized by shortening or malformation of the phalanges. Mutations in this gene are also the cause of acrocapitofemoral dysplasia.

Immunogen: A synthetic peptide of human Ihh

Applications: WB, IHC-P

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R03-3F2

MW: Calculated MW: 45 kDa; Observed MW: 45 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse

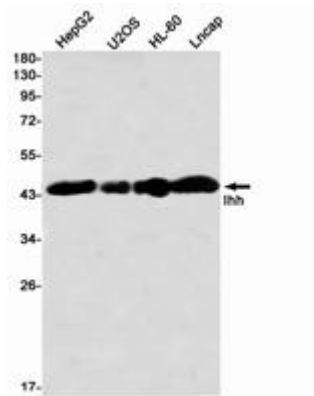
Conjugation: Unconjugated

Modification: Unmodified

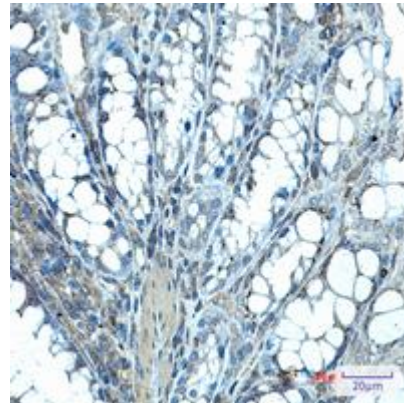
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Stem Cells

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Ihh in HepG2, U2OS, HL-60, Lncap lysates using Ihh antibody.



Immunohistochemistry analysis of paraffin-embedded mouse colon using Ihh antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.